

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DOCKET NUMBER	ANTICIPATED CLASSIFICATION OF THIS APPLICATION:		PRIOR APPLICATION	
	CLASS	SUBCLASS	EXAMINER	ART UNIT
14449.0004USC2			Mehdi NAMAZI	2188

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV372671406US

Date of Deposit: April 6, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:

Name: Teresa Anderson

Teresa Anderson

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(d), a copy of each document or other information listed on the enclosed Form 1449 is not provided because it was previously cited by or submitted to the U.S. Patent and Trademark Office in parent application, U.S. Serial No. 09/837348 filed on April 18, 2001.

Applicant hereby brings attention to the Examiner that they have thirteen commonly assigned co-pending applications:

SERIAL NO.

09/001139

09/000594

09/000534

FILING DATE

30 December 1997

30 December 1997

30 December 1997

09/052408	31 March 1998
09/155686	02 October 1998
09/155693	02 October 1998
09/155771	02 October 1998
09/155772	02 October 1998
09/171082	13 October 1998
10/077552	14 February 2002
09/814289	21 March 2001
09/912711	25 July 2001
10/174845	18 June 2002

A copy of each co-pending matter's specification, claims and drawings were submitted in parent application, U.S. Serial No. 09/837348 filed on April 18, 2001.

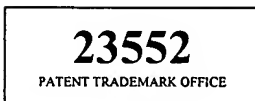
No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300



Dated: April 6, 2004

CBH:mmm

By Curtis B. Hamre
Curtis B. Hamre
Reg. No. 29,165

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 14449.0004USC2	Application Number: filed here within
	Applicant: SHIGETOMI et al.	
	Filing Date: filed here within	Group Art Unit: 2188

.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	RE. 35,839	07/07/1998	Asai et al.			
	4,338,644	06/07/1982	Staar			
	4,839,875	13/06/1989	Kuriyama et al.			
	5,159,182	27/10/1992	Eisele			
	5,276,572	04/01/1994	Kinoshita et al.			
	5,289,521	22/02/1994	Coleman et al.			
	5,423,054	06/06/1995	Schmidt et al.			
	5,546,585	13/08/1996	Soga			
	5,559,958	24/09/1996	Farrand et al.			
	5,584,043	10/12/1996	Burkart			
	5,634,111	27/05/1997	Oeda et al.			
	5,734,787	31/03/1998	Yonemitsu et al.			
	5,737,549	07/04/1998	Hersch et al.			
	5,793,714	11/08/1998	Inoue et al.			
	5,802,519	01/09/1998	De Jong			
	5,844,218	01/12/1998	Kawan et al.			
	5,856,659	05/01/1999	Drupsteen, et al.			
	5,857,079	05/01/1999	Claus, et al.			
	5,878,282	02/03/1999	Mital			
	5,889,657	30/03/1999	Kono			
	5,890,014	30/03/1999	Long			
	5,903,867	11/05/1999	Watari et al.			
	5,920,733	06/07/1999	Rao			
	5,930,823	27/07/1999	Ito et al.			
	5,936,226	10/08/1999	Aucsmith			
	5,951,687	14/09/1999	Chan et al.			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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	5,999,698	12/07/1999	Nakai et al.			
	6,005,940	21/12/1999	Kulinets			
	6,021,306	02/01/2000	McTaggart			
	6,044,046	38/03/2000	Diezmann et al.			
	5,036,461	30/07/1991	Elliott et al.			
	6,029,887	29/02/2000	Furuhashi et al.			
	5,533,125	02/07/1996	Bensimon et al.			
	4,960,982	02/10/1990	Takahira			
	5,652,838	29/07/1997	Lovett et al.			
	5,663,553	02/09/1997	Aucsmith			
	5,559,927	24/09/1996	Clynes			
	5,119,353	June 1992	ASAKURA			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	8-123635	17/05/1996	Japan				
	61-286927	17/12/1986	Japan				
	289190	21/10/1996	Taiwan				
	63-217569	09/09/1988	Japan				
	0 756 274	29/01/1997	EPO				
	196 07 169	21/11/1996	Germany				
	96/29699	26/09/1996	PCT				
	0 809 245	26/11/1997	EPO				
	0 193 635	10/09/1986	EPO				
	0 190 733	13/08/1986	EPO				
	0 662 674	12/07/1995	EPO				
	0 545 532	09/06/1993	EPO				
	0 394 098	24/10/1990	EPO				
	6-295200	21/10/1994	Japan				

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	1-127392	19/05/1989	Japan				
	9-34491	07/02/1997	Japan				
	1-263892	20/10/1989	Japan				
	2-5158	10/01/1990	Japan				
	1-162286	26/06/1989	Japan				
	63-7541	13/01/1988	Japan				
	4-355818	09/12/1992	Japan				
	4-356785	10/12/1992	Japan				
	374913	21/11/1999	Taiwan				
	8-161790	21/06/1996	Japan				
	5-258347	08/10/1993	Japan				
	4-304001	27/10/1992	Japan				
	3-73481	28/03/1991	Japan				
	2-3132	08/01/1990	Japan				
	63-2130	07/01/1988	Japan				
	7-334637	22/12/1995	Japan				
	6-139747	20/05/1994	Japan				
	63-25791	03/02/1988	Japan				
	63-25792	03/02/1988	Japan				
	5-54460	05/03/1993	Japan				
	5-282771	29/10/1993	Japan				
	9-109803	28.04.1997	Japan				
	9-126799	16.05.1997	Japan				
	8-221945	03.08.1996	Japan				
	WO94/29852	22.12.1994	WIPO				
	0 671 741	13.09.1995	EPO				
	0 710 955	08.05.1996	EPO				
	0 569 593	18.11.1993	EPO				

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		"Magnetic Recording Disk With Silicon Substrate Disk Containing Both Integrated Electronic Circuits and Magnetic Media" IBM TECHNICAL DISCLOSURE BULLETIN, vol. 28, no. 7, December 1985, pages 2861-2862, XP002073271 NEW YORK, US.
		IBM Journal TDB, June 1992, pp. 31-314.
		PATENT ABSTRACT OF JAPAN vol. 012, no. 140 (P-696), 28 April 1988 for JP 62-262289A, 14 November 1987.
		PATENT ABSTRACT OF JAPAN vol. 097, no. 005, 30 May 1997 & JP 09-017154A, 17 January 1997.
		PATENT ABSTRACT OF JAPAN (JPA 09-245381)
		PATENT ABSTRACT OF JAPAN vol. 033 (P-334), 13 February 1985 & JP59-175062A, 3 October 1984.



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